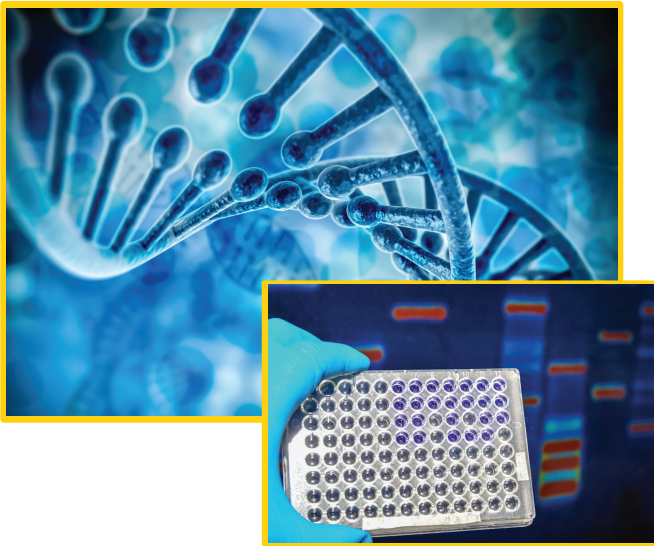




Certified Service Provider

ILLUMINA ■ 10x GENOMICS ■ PARSE BIOSCIENCES

Overview & Service Highlights



Founded in 2012 by former Illumina R&D scientists.

SeqMatic is the only commercial service provider in the S.F. Bay Area that is certified by Illumina, 10x Genomics and Parse Biosciences.

We offer comprehensive services across the entire NGS workflow, from extraction and library preparation to sequencing and bioinformatics. Histopathology too.

SeqMatic is a CLIA/CAP accredited molecular biology laboratory with robust Quality Management Systems.

We deliver highly relevant sequencing and omics data at world-class speed.

Our work has been cited in over 400 scientific research publications worldwide.

Fast, Professional Service

- Obtain sequencing data within 1-2 weeks of sample submission
- Data delivered via secure AWS
- Sequencing platforms:
 - NovaSeq X Plus ▪ NextSeq
 - NovaSeq 6000 ▪ MiSeq
- Express service available (3-5 business days)

Stringent Quality Controls

- All samples quantified and validated by TapeStation and qPCR
- Libraries generated in-house validated by Illumina MiSeq test run prior to deep sequencing

Customized Sequencing Runs

- Sequencing with custom primers, variable read lengths, low diversity libraries and more
- Large-scale oncology assays (Archer, Illumina TruSight, etc.) available

The SeqMatic Difference

- Expert NGS Consultation
- Science-First Approach for Optimal Solutions
- White-Glove Services with Fast TAT



Next Generation scRNA Sequencing Services



Single Cell at Any Scale!

- Profile anywhere from 10,000 to 5 million cells in a single experiment
- We accept your fresh, fixed or cryo-preserved cells/tissue

Types of Single Cell Libraries Sequenced

10x Genomics

- Gene Expression (3', 5', FLEX)
- V(D)J Immune Profiling
- ATAC-Seq
- Multiome
- Visium & HD (WT & 3')
- GEM creation services

Parse Biosciences

- Evercode™ Whole Transcriptome (Mini, WT, Mega, Penta)
- Evercode™ TCR
- Evercode™ BCR
- IMMUNE 1000
- CRISPR-Detect
- Fixation services

Services on-demand

- Onsite-Seq™ available
- Fixation services



Product Highlight

TailorMiX Indexed PhiX

Custom Dual-Indexed
PhiX Control Library

"When we compare indexed versus non-indexed PhiX the results were clear – non-indexed PhiX shows around 0.02% bleed through, while the SEQMATIC index is around 0.005%; a four fold reduction in bleed through."

James Hadfield - Head of Genomics
CRUK Cambridge Institute – Cancer Research UK

<http://enseqlopedia.com/2016/10/index-mis-assignment-to-illumina-phiX-control>

SeqMatic's Indexed PhiX allows all PhiX sequences to be removed when demultiplexing the files, thus provides a cleaner data set.



Request a Quote

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